: 206/OH-58 SADDLE, INBOARD, RIGHT SIDE

User: Job Number Estimate Number This Issue Prsht Rev. Previous Run

Wednesday, 12/5/2007 10:36:16 AM

Kim Johnston

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

: 36144 : 10937

P.O. Number

: 12/5/2007

.: NC

First Issue : 34633

: 1100

Type

S.O. No. :

: MACHINED PARTS

Part Number

Drawing Name

Drawing Number Project Number

Drawing Revision

Material Due Date

: 12/20/2007

: D29392

: N/A

: C

· D2939 REV C

Qty:

Each

Written By

Checked & Approved By

Comment

Est: В 00.06.26

New DWG rev (mpp 2069) EC

Est Rev: C As per Rev C 07-03-19 JLM

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

D6101001



7075-T7351 2X6X6.25

Comment: Qtv.:

1.0000 Each(s)/Unit Total:

8.0000 Each(s) Issue material from stock: 7075-T7351 (QQ-A-250/12)

Cut Size 2.0" x 6.25" X 6.00"

Grain Along 6.00" Length Batch No:

08/03/30

2.0

HAAS1

· , HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

Program part-number and batch number.

- 1-Inspect part number and batch number are programmed correctly.
- 2-Machine Step No 1 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet
- 3-Machine Step No 2 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet
- 4-Machine Step No 3 of Folio and visually inspect as per dwg D2939 & attached Dimension Sheet

5-Deburr

MILLING CONV.

CONVENTIONAL MILLING MACHINE



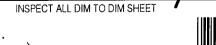
3.0

Comment: CONVENTIONAL MILLING MACHINE

Machine Keyway and inspect per attached dimension sheet

4.0

QC1





Comment: INSPECT ALL DIM TO DIM SHEET

	WORK ORDER CHANGES											
STEP	PROCEDURE CHANGE					Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
	`~											
										:		
							*					
		B J.										
	STEP	,		STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE By	STEP PROCEDURE CHANGE By Date	STEP PROCEDURE CHANGE By Date Qty	STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr		

Part No: D2939-2 PAR #: NA Fault Category: Prod Madried NGR: Yes No DQA: D Date: OP 04/1

NCR: 36	5144	W	ORK OR	DER NON-CONFORMANCE	(NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Annroyal
DATE	STEP	Section A			Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
૦૪(ક્રોર)	垫	podem. Podem. Podem. Podem. Porto 020" to thick - 0166"	G 08.033)	Scrop scadle	DSR 04/03/31	10/31	(P) (18.63.3)	08/03/27
المراجعة المراجعة	2.0	-> obs SOOLE & Shiddle	Pr 051042			<u>्र</u> िल ३।	Øs 10n	0810
		hole are all in one bination by 0000" (0.035 off certain)						
,-		tylen for Both firstlan	Á	•			0	
હ્લબાલ	20	Post Part lighted in vise causing all critical Dime	64/04/04	Fix sous Ass Doctor! Grove to one Redect! The toke all tools and	55R 08/8/63	50000	MS oeloylog	colodos
NOTE: D	ı ate & initia	al all entries	<u> </u>	2 organ on list off.	J	<u> </u>		<u> </u>

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevD

Wednesday, 12/5/2007 10:36:16 AM User: Kim Johnston **Process Sheet** Drawing Name: 206/OH-58 SADDLE, INBOARD, RIGHT SIDE Customer: CU-DAR001 Dart Helicopters Services Part Number: D29392 Job Number: 36144 Job Number: Seq. #: Description: Machine Or Operation: SECOND CHECK 5.0 QC8 Comment: SECOND CHECK HAND FINISHING RESOURCE #1 HAND FINISHING1 6.0 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING POWDER COATING Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CONVERSION 8.0 QC3 Comment: INSPECT POWDER COAT PACKAGING RESC 9.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location:_ 🛂 FINAL INSPECTIONW/O RELEASE 10.0 QC21 Comment: FINAL IN 08-04-08 Job Completion

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE	By Dat	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector						
-													
				x									

Part No: D2939-2	PAR #: NA	Fault Category:	Prod Machine	NCR: Yes No	DQA:	Date: 08/04/16
D306-649			()		_	Date: (204/10)

NCR: 3	6144	W	ORK OR	DER NON-CONFORMANCE	(NCR)			
		Description of NC		Corrective Action Section B		Verification	A	Approval
DATE ST	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	QC Inspector
(B. W. 1.37	2	Dimension "D", thickness of lip ground flonge. Is 0.206" on OTY(1) part	080403 051042	PART 15 ACCEPTABLE. STR-DZO6-642 Tev. B neslocks this thickness for mortia value. Marsin of Screty unaffected.	080\$3	Solutor	\$1.64.63 PSI 64-Z	odula
							401 84 2	
		?						3,000
					5		•	

NOTE: Date & initial all entries

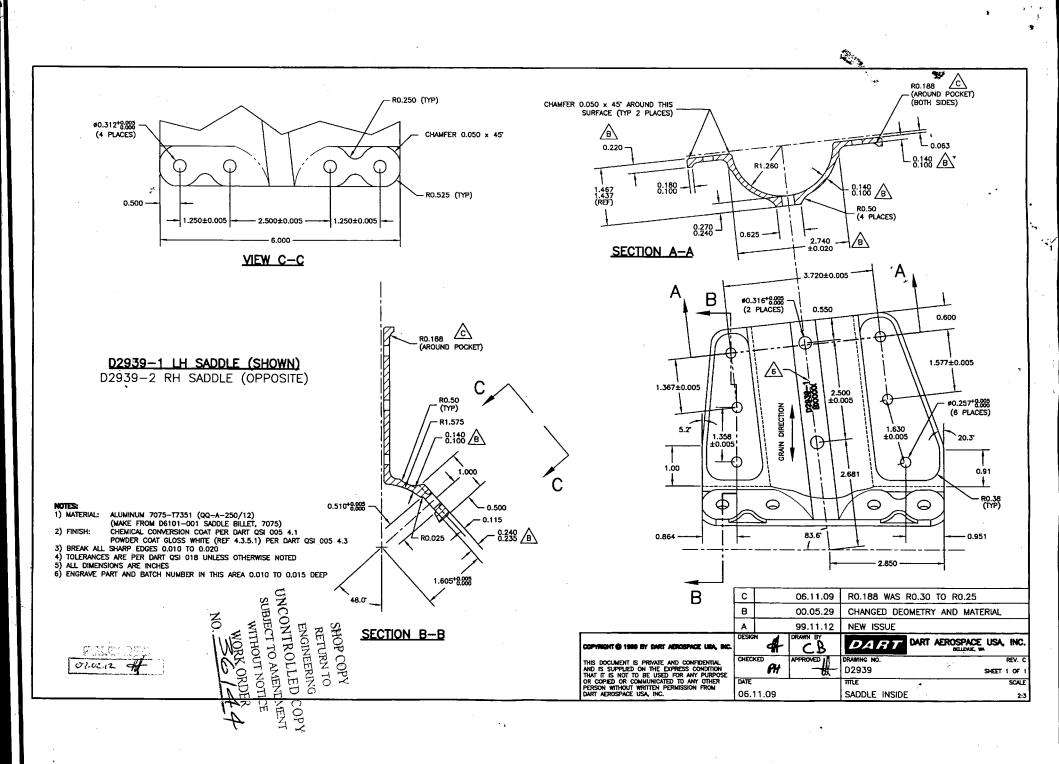
DART AEROSPACE LTD		Work Order:	36144
D. Liting 2000 Condition Inhomal Disebboids		Part Number:	D2939-2
Description: 206 Saddle, Inboard, Right side		Fart Number.	D2939-2
Inspection Dwg: D2939 Rev: C DSK: Rev:	. ,		Page 1 of 1

		FIRST	ARTICLE IN	SPECTION	DIMENSI	ON SHEE	Τ		
		Ŵ.	X First	Article	Proto	type			
	Reco						ensions		
Dim	Min	Max	Go/No Go Gauge	SORAP	2	3	4	- 5	
Α	0.100	0.140		0.130	3/17	134	-/34	.135	
В	0.100		·	0.163	.117	134	140	./31]
С	0.100	0.140		0.125	.128	.123	.123	.125	
D	0.210	0.230		0.220	0.220	.228	331	.225	
E	1.245	1.255		1,/248	1.250	1.247	1.246	1.250	_
F	1.245	1.255		1/248	1.250	1.248	1.247	1.25/9	
G	2.495	2.505		2.500	2500	2.500	2.500	2.500	_
Н	0.510	0.515		1./	.510	.5-10	.510	.510	_
1	1.572	1.582		11.576	1.577	1.577	1.577	1.5-77	_
J	2.495	2.505		12,499	2,499	2,500	2.500	2-500	_
K	0.257	0.262		0.259	.258	.250	258	.258	_
L	0.312	0.317		0.3155	,316	.316	. 3/6	.316	_
М	0.235	0.240			1236	.236	240	.240	_
N	0.100	0.140		0.119	0,120	1128	-126	.127	
0	0.540	0.560		0.549	.545	.546	.553	.553	
Р	0.490	0.510		0.47	,503	.501	-102	.507	_
Q	3.715	3.725		13,717	3.718	3.719	3,718	3714	_
R	2.720	2.760		2.740	2.740	2.742	2.74/	2-74/] .
S	0.240	0.270		0.25	.25-2	253	260	,260	j
T	0.100	0.180		0.135	.140	-140	.145	195	
U	1.625	1.635		1.628	1.628	1.625	1.625	1,621	1
V	1.362	1.372		1.8665	1,367	1.367	1.367	1.367	_
W	0.316	0.321	.	0.821	0.321	.321	·321	.321	
X	1.250	1.270		1.2005	1.260	1.262	1.260	1.260	_
Υ	1.565	1.585		1.577	んぐファ	1.578	1,577	1.577	
Ζ·	0.178	0.198		0,1875	0.1875	0.1875	0.1875	0.1875	_
AA									
AB			1	/ >	ļ,			<u> </u>]
AC ,									
AD \					*		-		,
<u>\</u>	<u> </u>		Accept/Reject						₫. <i>/</i>
	Measure	d by: DJ	P/SF			Date:	08/03/	30/08/0	¥ foi
Audited by: 51 08/04/06 Date:									
Proto	type Appr	oval:	· V	I/A		Date:	N	I/A]`
Rev	Date	Change					ised by	Approved	
Α		New Issue		RF					
В	02.12.12	Re-format; Ao DT8695 A/B	dded Dim. X-Y,	DT8683, DT8	3686, DT869	0 & KJ/F	RF		
С	07.03:21		rawing revision	C		KJ/c	JLM , ,	£	,
D	07.11.23	DT8695 A/B r	emoved		V		C/DD a		

DART AEROSPACE LTD	Work Order:	36144
Description: 206 Saddle, Inboard, Right side	Part Number:	D2939-2
Inspection Dwg: D2939 Rev: C DSK: Rev:		Page 1 of 1

FIRST ARTICLE INSPECTION DIMENSION SHEET

• .		X First Article Prototype							
		,			Record	Actual	Dim	ensions	
Dim	Min	Max	Go/No Go Gauge	1 5	2 6	3	7	4 9	⁵ 9
. A	0.100	0.140		./33	.132	.13	3	0//33	0,125
В	0.100	0.140		./33	.131	413		0:130	0.125
\C\	0.100	0.140		0.120	0.118		8	0.119	OULT
(D)	0.210	0.230		1225	59.3		2	331	0.200
E	1.245	1.255		1,249	1,249	1.20	19_	1,248	1.247
F	1.245	1.255		1.248	1.249		19	1.248	1,248
G	2.495	2.505	3	12.501 _	2:501	2.5		2,4985	2.501
Н	0.510	0.515		0.510_	0,510	0.5	<u> </u>	0/20	0.50
1	1.572	1.582		1.577	1.577	1.57	7 =	-1.577	1577
J	2.495	2.505		2.500	3.500		<u>00</u>	2,500	2.500
K	0.257	0.262		258	.378.	.20	8	35.8	0.259
L	0.312	0.317		0.36	0.316	0.3	[6	0.316	0.316
M	0.235	0.240		0.237	0.237	0.23	7	0.237	0.237
N	0.100	0.140		.126	.195	12	7	,126	0.126
0	0.540	0.560	.v	.553	553	0,5	<u>52</u>	0.553	0.552
Р	0.490	0.510		0,496	0.497		20	0.500	0,500
Q	3.715	3.725		3,714	3.718		18/	3.718	3.717
R	2.720	2.760	·	2 740	2.740	2.74	<u> </u>	2.741	7.740
S	0.240	0.270		.256	1-16.	.25	<u>2_</u>	0.250	0.2455
T	0.100	0.180		.138	.143		<u>'0 </u>	0,140	0.143
U	1.625	1.635		1.825	1.625	1162		1.625	1.625
V	1.362	1.372		1.370	1.370	1.37		1.370	1.370
W	0.316	0.321		.321	.321	.32		.32/	,321
X	1.250	1.270		1.061	1.261	1.20	00	1.261	1,25+
Y	1.565	1.585		1.571	1.571	1,5	<u>とり</u>	1.571	1,567
Z	0.178	0.198		186	.188	,186		.188	1/88
AA	·					<u> </u>			
AB									
AC									
AD								· · · · · · · · · · · · · · · · · · ·	
			Accept/Reject					L	L
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	Audited by: State: Date:								
Proto	type Appro	oval:	N	I/A			ate:	N	/A
Rev	Date	Change						ised by	Approved
_ A		New Issue					RF		
В	02.12.12	Re-format; Ac DT8695 A/B	dded Dim. X-Y,	DT8683, DT8	686, DT869	0 &	KJ/I	₹F	
С	07.03.21		Irawing revision	С			KJ/		
D	07.11.23	DT8695 A/B r					KJ/I	EC/DD A	Z



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